	CRF Errors Corrected by the STIC Systems Branch
I N	umber: 09/189,702A ENTERED CRF Processing Date: 12/3 Changed a file from non-ASCII to ASCII
	Changed the margins in cases where the sequence text was "wrapped" down to the next line.
	Edited a format error in the Current Application Data section, specifically:
	Edited the Current Application Data section with the actual current number. The number inputted by tapplicant was the prior application data; or other
	Added the mandatory heading and subheadings for "Current Application Data".
	Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integ
	Changed the spelling of a mandatory field (the headings or subheadings), specifically:
,	Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
J	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
	Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
	Inserted colons after headings/subheadings. Headings edited included:
-	Deleted extra, invalid, headings used by an applicant, specifically:
_	Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of page numbers throughout text; other invalid text, such as
	Inserted mandatory headings, specifically:
-	Corrected an obvious error in the response, specifically:
ł	Edited identifiers where upper case is used but lower case is required, or vice versa.
-	Corrected an error in the Number of Sequences field, specifically: JAN 0 2 201
A	A "Hard Page Break" code was inserted by the applicant. All occurrences had to back @ENTER 160
	eleted <i>endIng</i> stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (erue to a PatentIn bug). Sequences corrected:
	Other: Corrected amero acid rumbering

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



1600:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/189,702A

DATE: 12/30/2002 TIME: 19:09:43

Input Set : N:\AMC\6497882.txt

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3 <110> APPLICANT: Sette, Alessandro
         Sidney, John
 5
         Kast, W. Martin
         Southwood, Scott
         Epimmune, Inc.
 9 <120> TITLE OF INVENTION: HLA Binding Peptides and Their Uses
11 <130> FILE REFERENCE: 39963-20019.20
13 <140> CURRENT APPLICATION NUMBER: US 09/189,702A
14 <141> CURRENT FILING DATE: 1998-11-10
16 <150> PRIOR APPLICATION NUMBER: US 08/205,713
17 <151> PRIOR FILING DATE: 1994-03-04
19 <160> NUMBER OF SEQ ID NOS: 380
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24 <212> TYPE: PRT
25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Flu.24 peptide 17.0317
30 <400> SEQUENCE: 1
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37 <213> ORGANISM: Artificial Sequence
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44
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57 <210> SEQ ID NO: 4
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Input Set : N:\AMC\6497882.txt

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70 <211> LENGTH: 9
71 <212> TYPE: PRT
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78 Ser Leu Pro Pro Pro Gly Thr Arg Val
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 9
83 <212> TYPE: PRT
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86 <220> FEATURE:
87 <223> OTHER INFORMATION: p53.139 peptide 1317.24
89 <400> SEQUENCE: 6
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94 <211> LENGTH: 9
95 <212> TYPE: PRT
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98 <220> FEATURE:
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101 <400> SEQUENCE: 7
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105 <210> SEQ ID NO: 8
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Input Set : N:\AMC\6497882.txt

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136 <223> OTHER INFORMATION: p53.229B1L2V9 peptide 1323.08
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139 Asx Leu Thr Ile His Tyr Asn Tyr Val
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Input Set : N:\AMC\6497882.txt

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207 <220> FEATURE:
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214 <210> SEQ ID NO: 17
215 <211> LENGTH: 9
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226 <210> SEQ ID NO: 18
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231 <220> FEATURE:
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238 <210> SEQ ID NO: 19
239 <211> LENGTH: 9
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: MAGE3.112L2 peptide 1325.05
246 <400> SEQUENCE: 19
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250 <210> SEQ ID NO: 20
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252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
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Input Set : N:\AMC\6497882.txt

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272
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274 <210> SEQ ID NO: 22
275 <211> LENGTH: 9
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277 <213> ORGANISM: Artificial Sequence
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286 <210> SEQ ID NO: 23
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300 <212> TYPE: PRT
301 <213> ORGANISM: Artificial Sequence
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304 <223> OTHER INFORMATION: p53.168L2 peptide 1326.08
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307 His Leu Thr Glu Val Val Arg Arg Val
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313 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 12/30/2002 PATENT APPLICATION: US/09/189,702A

TIME: 19:09:44

Input Set : N:\AMC\6497882.txt

Output Set: N:\CRF4\12302002\I189702A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:194; Xaa Pos. 2 Seq#:195; Xaa Pos. 6 Seq#:196; Xaa Pos. 2 Seq#:197; Xaa Pos. 8 Seq#:218; Xaa Pos. 1,2,3,5,6,8 Seq#:378; Xaa Pos. 1,2,3,4,5,6,8 Seq#:379; Xaa Pos. 1,2,3,4,5,6,7 Seq#:380; Xaa Pos. 1,3,4,5,7,8,9,10



1600

DATE: 12/26/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/189,702A TIME: 13:13:23 Input Set : D:\39963-20019.txt Output Set: N:\CRF4\12262002\I189702A.raw 3 <110> APPLICANT: Sette, Alessandro Sidney, John Kast, W. Martin Southwood, Scott Epimmune, Inc. 9 <120> TITLE OF INVENTION: HLA Binding Peptides and Their Uses 11 <130> FILE REFERENCE: 39963-20019.20 13 <140> CURRENT APPLICATION NUMBER: US 09/189,702A C--> 14 <141> CURRENT FILING DATE: (2002-12-26) 1998-11-10 16 <150> PRIOR APPLICATION NUMBER: US 08/205,713 17 <151> PRIOR FILING DATE: 1994-03-04 Does Not Comply 19 <160> NUMBER OF SEQ ID NOS: 380 Corrected Diskette Needed 20 <170> SOFTWARE: FastSEQ for Windows Version 3.0 do edit ERRORED SEQUENCES 2643 <210> SEQ ID NO: 218 2644 <211> LENGTH: 10 2645 <212> TYPE: PRT 2646 <213> ORGANISM: Artificial Sequence 2648 <220> FEATURE: 2649 <223> OTHER INFORMATION: HLA-Al allele-specific motif 2651 <220> FEATURE: 2652 <221> NAME/KEY: VARIANT 2653 <222> LOCATION: (1)...(10) 2654 <223> OTHER INFORMATION: Xaa at location 1 is any amino acid; Xaa at location 2 is S or T; 2655 Xaa at location 3 is D or E; 2656 Xaa at location 5 is any amino acid; 2657 W--> 2658 <220> FEATURE: 2659 <223> OTHER INFORMATION: Xaa at location 6 is any amino acid; Xaa at location 8 is any amino acid 2663 <400> SEQUENCE: 218 W--> 2664 Xaa Xaa Xaa Pro Xaa Xaa Leu Xaa Tyr Lys E--> 2665 1 (5) (10) Missliped amind acid has.

4576 <210> SEQ ID NO: 378 4577 <211> LENGTH: 10 4578 <212> TYPE: PRT

4581 <220> FEATURE:

4584 <220> FEATURE:

4579 <213> ORGANISM: Artificial Sequence

4582 <223> OTHER INFORMATION: HLA-A3,2 allele-specific motif

DATE: 12/26/2002

TIME: 13:13:23

Input Set : D:\39963-20019.txt Output Set: N:\CRF4\12262002\I189702A.raw 4585 <221> NAME/KEY: VARIANT 4586 <222> LOCATION: (1)...(10) 4587 <223> OTHER INFORMATION: Xaa at location 1 is any amino acid; 4588 Xaa at location 2 is V, L, or M; Xaa at location 3 is Y or D; 4589 Xaa at location 4 is any amino acid; 4590 W--> 4591 <220> FEATURE: 4592 <223> OTHER INFORMATION: Xaa at location 5 is any amino acid; Xaa at location 6 is any, amino acid; 4593 Xaa at location 8 is Q or N 4594 4596 <400> SEQUENCE: 378 W--> 4597 Xaa Xaa Xaa Xaa Xaa Xaa Ile Xaa Lys Lys E--> 4598 1 5 10 Samuru 4601 <210> SEQ ID NO: 379 4602 <211> LENGTH: 10 4603 <212> TYPE: PRT 4604 <213> ORGANISM: Artificial Sequence 4606 <220> FEATURE: 4607 <223> OTHER INFORMATION: HLA-All allele-specific motif 4609 <220> FEATURE: 4610 <221> NAME/KEY: VARIANT 4611 <222> LOCATION: (1)...(10) 4612 <223> OTHER INFORMATION: Xaa at location 1 is any amino acid; Xaa at location 2 is for V; 4613 Xaa at location 3 is Mor F; 4614 Xaa at location 4 is any amino acid; 4615 W--> 4616 <220> FEATURE: 4617 <223> OTHER INFORMATION: Xaa at location 5 is any amino acid; Xaa at location 6 is any amino acid; 4618 Xaa at location 7 is any amino acid 4619 4621 <400> SEQUENCE: 379 W--> 4622 Xaá Xaa Xaá Xaa Xaa Xaa Xaa Gln Lys Lys E--> 4623 1 4625 <210> SEQ ID NO: 380 4626 <211> LENGTH: 10 4627 <212> TYPE: PRT 4628 <213> ORGANISM: Artificial Sequence 4630 <220> FEATURE: 4631 <223> OTHER INFORMATION: HLA-A24.1 allele-specific motif 4633 <220> FEATURE: 4634 <221> NAME/KEY: VARIANT 4635 <222> LOCATION: (1)...(10) 4636 <223> OTHER INFORMATION: Xaa at location 1 is any amino acid; Xaa at location 3 is I ox M; Xaa at location 4 is D, E, G K or P; 4638 Xaa at location 5 is L, M or N/; 4639 W--> 4640 <220> FEATURE: 4641 <223> OTHER INFORMATION: Xaa at location 7 is N or V; Xaa at location 8 is A, E, K, Q or S;

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/189,702A

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/189,702A

DATE: 12/26/2002 TIME: 13:13:23

Input Set : D:\39963-20019.txt

Output Set: N:\CRF4\12262002\I189702A.raw

Xaa at location 9 is F or L; 4643 Xaa at location 10 is F or A 4644

4646 <400> SEQUENCE; 380

W--> 4647 Xaa Tyr Xaa Xaa Xaa Val Xaa Xaa Xaa Xaa Xaa C--> 4648 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/189,702A

DATE: 12/26/2002 TIME: 13:13:24

Input Set : D:\39963-20019.txt

Output Set: N:\CRF4\12262002\I189702A.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:2347 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:2351 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:194 L:2352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:194 after pos.:0 L:2363 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:2367 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:195 L:2368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:195 after pos.:0 L:2379 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:2383 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:196 L:2384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:196 after pos.:0 L:2395 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order! L:2399 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:197 L:2400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:197 after pos.:0 L:2658 M:283 W: Missing Blank Line separator, <220> field identifier L:2664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218 after pos.:0 L:2665 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:218 L:4591 M:283 W: Missing Blank Line separator, <220> field identifier L:4597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:378 after pos.:0 L:4598 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:378 L:4616 M:283 W: Missing Blank Line separator, <220> field identifier L:4622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:379 after pos.:0 L:4623 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:379 L:4640 M:283 W: Missing Blank Line separator, <220> field identifier L:4647 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:380 after pos.:0 L:4648 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:380